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IMAGERY
ANALYSIS
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

PETROVKA SHIPYARD

PETROVKA, USSR

Declass Review by NIMA/DOD

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CIA/PIR 77073

DATE OCTOBER 66

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PETROVKA SHIPYARD

PETROVKA, USSR

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PETROVKA, USSR
43-07N 132-21E

FIG 2

FIG 3

FIG 4

FIGURE 1

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SHIPYARD : PETROVKA SHIPYARD
LOCATION : PETROVKA, USSR
GEO COORDS: 43-07N 132-21E

KEY TO FACILITY ANNOTATIONS ON FIGURE 2

- A. Possible administrative-type building approximately five stories high. Two square raised structures, possibly equating to elevator shaft housings, are visible on the roof of this building.
- B. Unidentified building approximately four stories high. The side of the building furthest away from the quay has the intersection of the roof and side indented along its entire length.
- C. Large round structure. Imagery resembling two black lines bisect each other at right angles across the top of this structure.
- D. Unidentified step-roofed building. Two stacks can be seen on the east end of the lower step.
- E. Construction continues on quay area.

NOTE: The structures (annotations A, B, C, and D) are duplicates of a similar complex near the new wet basin at Yagry Island, Severodvinsk, USSR (64-35N 039-50E). The only difference between the two installations is that the round structure (annotation C) and the step-roofed building (annotation D) are at 90 degrees to the other 2 buildings at Petrovka (probably due to land limitations), whereas the 3 buildings and the round structure are in a straight line at Severodvinsk. The installation at Severodvinsk also has imagery possibly equating to pipes connecting all four units; such a connection is not found at Petrovka. The step-roofed building at Severodvinsk (equating to annotation D at Petrovka) has a series of small raised possible ventilators protruding from the upper step which are not found at Petrovka. Construction on the installation at Petrovka began in approximately

KEY TO NUMBERED ANNOTATION ON FIGURE 2

1. Flooded transporter dock.
See annotation 1,

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SHIPYARD : PETROVKA SHIPYARD
LOCATION : PETROVKA, USSR
GEO COORDS: 43-07N 132-21E

KEY TO NUMBERED ANNOTATIONS ON FIGURE 3

1. Target barge.

This barge has a tall mast or pole mounted on the deck just forward of amidships. A barge very similar to this one was seen at Severodvinsk on [REDACTED]

2. Probable DECON/RADCON barge.

Linear imagery, possibly equating to piping, is visible leading from the western (outboard) end of the barge to the unidentified submarine on the repair way. Security fencing at the head and alongside of the building way containing the unidentified submarine parallels the possible piping. This barge is similar, with minor topside configurational changes, to a probable DECON/RADCON barge observed at Severodvinsk on [REDACTED]. See annotation 5, Figure 8, [REDACTED]

3. Unidentified Passenger Ship in wet basin.

This ship was observed at Vladivostok, USSR (43-07N 131-55E) in [REDACTED] and its approximate length over-all measured at 410 feet. See annotation 7, Figure 3, [REDACTED] - CIA/PIR-7037/65.

4. Unidentified submarine on repair way (positioned bow-toward the transverser).

The apparent length of this submarine relative to the unidentified passenger ship at annotation 3 above is greater than 350 feet. The after one-third of the submarine is apparently covered by sheds. The sheds and the starboard stabilizer appear to have a broad striped appearance. A portal jib crane is positioned along the port side of the sail. See annotation 9, [REDACTED]

5. Possible "W" Class Submarine on repair way.

Hull outline, relative size, plus small sail contributed to this evaluation.

6. Unidentified possible auxiliary on repair way.

This vessel is shorter than the possible "W" Class above and has a superstructure placed forward of the stern. Two lifeboats are visible about one-third of the way from the stern.

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7. Small possible Missile Target Barge (YAGT) on repair way.
A barge very similar to this one was seen at Severodvinsk in
See annotation 4, Figure 3, CIA/PIR-67041.
8. Large probable Missile Target Barge (YAGT) on repair way.
A barge very similar to this one was seen at the new pier area at Severodvinsk in
9. Unidentified possible auxiliary on repair way.
10. Possible "T-58" Class MSF on repair way.
Hull outline, relative length, lifeboat and gun placement contributed to this evaluation.
11. PEYTA Class PCE on repair way.
Hull outline, relative length, plus position of the forward and aft gun turrets aided in this identification.
12. Rectangular probable submarine service barge.
This barge is similar, with minor topside differences, to the submarine service barges observed at Severodvinsk (see CIA/PIR-67041). It has a slightly different superstructure arrangement than the barge at annotation 2 above. Similar barges have also been observed at Gorkiy Shipyard 112, Gorkiy, USSR (56-22N 043-53E). See annotation 1, 6, and 9, Figure 2, CIA/PIR-77036.
13. Two unidentified barges.
These barges are shorter than the barges at annotations 2 and 12 above. A bulky block superstructure covers nearly the entire topside area of each of these craft.
14. Probable floating workshop.
See annotation 7,
15. ATREK Class ASL.
Raised after deckhouse, after lifeboat and main superstructure placement, and positioning of forward cranes confirm this identification.
16. Unidentified auxiliary inboard of the submarine at annotation 17 below.

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17. "E-II" Class SSGN.
All four sets of missile tubes are elevated. The four sets of missile tubes and the position of the sail confirm this identification. See annotation 8, []
18. ZEYA Class YRSN.
Hull outline, depressed center section, and unique topside configuration aided in this identification. Pennant flags are visible on both the ZEYA and the ATREK at annotation 15 above. See annotation 9, []
19. "E-II" Class SSGN.
The three sets of blast deflectors aft of the sail identify this as an "E-II" Class SSGN. See annotation 4, []
20. Small probable floating crane.
21. "E-II" Class SSGN.
The three sets of blast deflectors aft of the sail plus the raised missile tubes adjacent to the sail identify this as an "E-II" Class submarine. See annotation 11, []
22. Probable SKORYY Class AGT.
Lack of armament, hull outline, and topside configuration contributed to this identification.
23. Large floating crane.
24. Possible "W" Class SS.
Hull outline and relative length contributed to this identification. See annotation 13, []
25. Large floating crane.
26. "E-I" Class SSGN.
The positions of the three sets of blast deflectors aided in this identification. A large rectangular opening in the hull can be seen abaft the sail. A large floating crane (annotation 25 above) is working abeam of the hull opening on the submarine's port side.
27. Unidentified auxiliary berthed between the "E-I" Class SSGN and the covered transporter dock.
28. Transporter dock.
This dock is completely covered by a series of peaked-roofed sheds. See annotation 1, []

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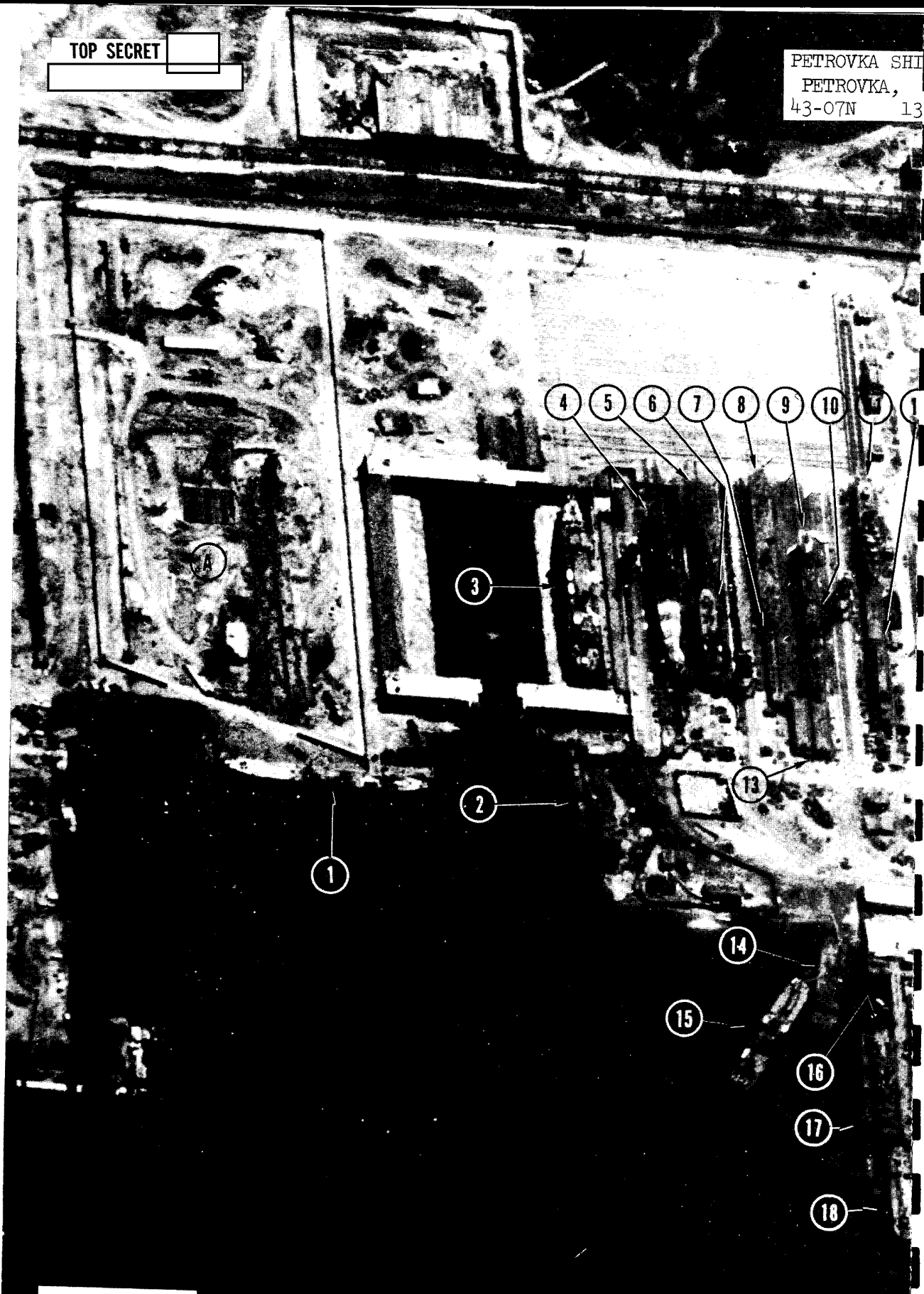


FIGURE 3

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KEY TO FACILITY ANNOTATION ON FIGURE 3

A. Construction area.

Earth scarring is evident in this area. Temporary construction roads and large cranes are present. Footings are in place adjacent to one of the large cranes. Small construction sheds or piles of materials are also visible. A fence surrounds the entire construction development except for the portion near the quay.

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CIA IMAGERY ANALYSIS DIVISION

SHIPYARD : PETROVKA SHIPYARD
LOCATION : PETROVKA, USSR
GEO COORDS: 43-07N 132-21E

KEY TO FACILITY ANNOTATIONS ON FIGURE 4

- A. Possible administration-type building under construction.
The roof on this building is not yet completed. A similar building is observed to the south of the repair ways on Figure 1. The same type building is also observed at Yagry Island, Severodvinsk, USSR. A portal crane is observed operating alongside the building. (See annotation A, [REDACTED])
- B. Tank housing structure.
The building is divided into two sections with accommodations for four tanks in each section. Three of the four tanks in the southern portion of the building are in a late stage of construction. The fourth tank has its sides erected and a large post in the center. The top of the tank is not in place. The bases for the four tanks in the northern end of the building are still under construction.
- C. The boom portion of a very (high) large crane is visible behind the probable processing building.
- D. Bridge connecting the tank housing structure with a probable processing building.
This bridge may contain piping between the two structures; if so, it is believed such piping would carry liquid waste. See annotation A, [REDACTED]
- E. Probable processing building.
When compared to its counterpart at Severodvinsk, this structure appears to be only half as high; however, construction on the processing building at both sites is still continuing. See annotation A, [REDACTED]
- F. Main building.
Approximately 50 per cent of the roof of the main building has been completed.
- G. Work continues on the quay with probable pile drivers working just off-shore. For the last observation of this facility see annotation A, [REDACTED]

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[REDACTED] TOP SECRET [REDACTED]

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NOTE: The Petrovka facility is now approximately two years in construction behind the facility located at Yagry Island, Severodvinsk, USSR. This facility appears to now be in the same status of was Severodvinsk

[REDACTED]

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POSSIBLE NUCLEAR SUBMARINE SPECIAL SUPPORT FACILITY

PETROVKA, USSR

43-07N 132-21E



FIGURE 4

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CIA/PIR-77073

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CIA/PIR-67262, Petrovka Shipyard, Petrovka, USSR,

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CIA/PIR-67322, Petrovka Shipyard, Petrovka, USSR,

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CIA/PIR-67041, Severodvinsk Naval Base and Shipyard 402, Severodvinsk, USSR,

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CIA/PIR-7037/66, Vladivostok Shipyard 202, Vladivostok, USSR,

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CIA/PIR-5005/65, Probable Nuclear Submarine Special Support Facilities, Petrovka and Severodvinsk, USSR (TOP SECRET)

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